

**Report Date:** 25 Jun 2014

**Summary Report for Individual Task**  
**551-88K-3511**  
**Monitor Watch Standing Procedures Onboard a Vessel**  
**Status: Approved**

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**Distribution Restriction:** Approved for public release; distribution is unlimited.

**Destruction Notice:** None

**Foreign Disclosure: FD1** - The materials contained in this course have been reviewed by the course developers in coordination with the FT LEE foreign disclosure authority. This course is releasable to students from all requesting foreign countries without restrictions.

**Condition:** As a boatswain assigned to a vessel given: completed risk assessment, vessel, crew, binoculars, ship's log, nautical chart, parallel rulers, dividers, compass, calculator, pencil, and Personal Protective Equipment (PPE), day or night in all weather conditions in an operational environment. Some iterations of this task should be performed in MOPP 4.

**Standard:** When required, monitor watch standing duties to ensure that the watch is on time providing vigilant observations in relation to safety and navigation of vessel in order to maintain ordered course without collision in accordance with AR 56-9, FM 4-01.502, TC 4-15.51, and COMDTINST\_M16672\_2D.

**Special Condition:** None

**Safety Risk:** Low

**MOPP 4:** Sometimes

Task Statements
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**Cue:** None

**DANGER**

None

**WARNING**

None

**CAUTION**

None

**Remarks:** None

**Notes:** None

## Performance Steps

### 1. Monitor Helm Watch

- a. Monitor to ensure the watch reports at least 15 minutes prior to the watch. (Collects information and allows time for vision to adjust during this time period.)
- b. Monitor to ensure the incoming watch is briefed and understands vessel course, speed, vessel traffic, and any other special instructions by the outgoing watch.
- c. Monitor to ensure the watch policies and procedures are followed before during and while being relieved.

### 2. Monitor Lookout Watch

- a. Monitor to ensure the watch reports at least 15 minutes prior to the watch. (Collects information and allows time for vision to adjust during this time period.)
- b. Monitor to ensure the watch, accurately in a timely manner, reports all objects, vessels, lights, sounds, and suspicious odors.
- c. Monitor to ensure the watch policies and procedures are followed before during and while being relieved.

### 3. Monitor Anchor Watch

- a. Monitor to ensure the watch reports at least 15 minutes prior to the watch. (Collects information and allows time for vision to adjust during this time period.)
- b. Monitor to ensure the watch identifies anchor circle, round of bearings, and GPS coordinates as indicated by vessel master to be able to determine if vessel is dragging anchor.
- c. Monitor to ensure the watch, accurately in a timely manner, plots, and records bearings at prescribed intervals using gyro repeater with azimuth circle notifying Vessel Master when it is determined that vessel position has changed following all policies and procedures set by Vessel Master.
- d. Monitor to ensure the watch policies and procedures are followed before during and while being relieved.

(Asterisks indicates a leader performance step.)

**Evaluation Guidance:** Score the soldier GO if all steps are passed (P). Score the soldier NO-GO if any steps is failed (F), if the soldier fails any step, show what was done wrong and how to do it correctly.

**Evaluation Preparation:** Ensure that all information, references and equipment required to perform the task are available. Use the FM and the evaluation guide to score the soldier's performance. Brief the soldier. Tell the soldier what he is required to do IAW the task conditions and standards. Test this task in conjunction with Basic Navigation assessment. Ensure Soldier understands why this task is important to the overall safe navigation of the vessel.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Monitored Helm Watch			
a. Monitored to ensure the watch reported at least 15 minutes prior to the watch. (Collected information and allowed time for vision to adjust during this time period.)			
b. Monitored to ensure the incoming watch was briefed and understood vessel course, speed, vessel traffic, and any other special instructions by the outgoing watch.			
c. Monitored to ensure the watch policies and procedures were followed before during and while being relieved			
2. Monitored Lookout Watch			
a. Monitored to ensure the watch reported at least 15 minutes prior to the watch. (Collected information and allows time for vision to adjust during this time period.)			
b. Monitored to ensure the watch, accurately in a timely manner, reported all objects, vessels, lights, sounds, and suspicious odors to the Watch Officer.			
c. Monitored to ensure the watch policies and procedures were followed before during and while being relieved.			
3. Monitored Anchor Watch			
a. Monitored to ensure the watch reported at least 15 minutes prior to the watch. (Collected information and allowed time for vision to adjust during this time period.).			
b. Monitored to ensure the watch identified anchor circle, round of bearings, and GPS coordinates as indicated by vessel master and was able to determine if vessel is dragging anchor.			
c. Monitored to ensure the watch, accurately in a timely manner, plotted, and recorded bearings at prescribed intervals using gyro repeater with azimuth circle and notified Vessel Master when it was determined that vessel position has changed following all policies and procedures set by Vessel Master.			
d. Monitored to ensure the watch policies and procedures were followed before during and while being relieved.			

**Supporting Reference(s):**

Step Number	Reference ID	Reference Name	Required	Primary
	COMDTM166722D	Navigation Rules - International - Inland	Yes	No
	DMA PUB 102	International Code of Signals	Yes	No
	TC 4-15.51	Marine Crewman's Handbook	Yes	No

**Environment:** Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects. Refer to FM 3-34.5 Environmental Considerations and GTA 05-08-002 ENVIRONMENTAL-RELATED RISK ASSESSMENT. Environmental Statement: Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects. Refer to FM 3-34.5 Environmental Considerations and GTA 05-08-02 ENVIRONMENTAL-RELATED RISK ASSESSMENT

**Safety:** In a training environment, leaders must perform a risk assessment in accordance with ATP 5-19, Risk Management. Leaders will complete the current Deliberate Risk Assessment Worksheet in accordance with the TRADOC Safety Officer during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW FM 3-11.4, Multiservice Tactics, Techniques, and Procedures for Nuclear, Biological, and Chemical (NBC) Protection, FM 3-11.5, Multiservice Tactics, Techniques, and Procedures for Chemical, Biological, Radiological, and Nuclear Decontamination. All operations will be performed to protect and preserve Army personnel and property against accidental loss. Procedures will provide for public safety incidental to Army operations and activities and safe and healthful workplaces, procedures, and equipment. Observe all safety and/or environment precautions regarding electricity, cable, and lines. Provide ventilation for exhaust fumes during equipment operation and use hearing protection when required IAW AR 385-10, the Clean Air Act (CAA) and the CAA amendments, and the OSHA Hazard

Communication standard.

**Prerequisite Individual Tasks :**

Task Number	Title	Proponent	Status
551-88K-2515	Conduct Watch Standing Procedures Onboard a Class B Vessel	551 - Transportation (Individual)	Approved

**Supporting Individual Tasks :**

Task Number	Title	Proponent	Status
551-88K-1201	Record Entries in Vessel Logs Onboard Class A & B Vessels	551 - Transportation (Individual)	Approved
551-88K-1701	Prepare Visual Communication Onboard a Vessel	551 - Transportation (Individual)	Approved
551-88K-1704	Operate Emergency Radios Onboard a Vessel	551 - Transportation (Individual)	Approved
551-88K-4733	Operate Radar Collision Avoidance Systems	551 - Transportation (Individual)	Approved
551-88K-4732	Operate Automated Radar Plotting Aid (ARPA) Collision Avoidance System	551 - Transportation (Individual)	Approved
551-88K-4734	Determine Closest Point of Approach (CPA) of Vessel, Utilizing Radar and Plotting Sheet	551 - Transportation (Individual)	Approved
551-88K-4712	Implement Collisions Avoidance Measures Onboard a Vessel	551 - Transportation (Individual)	Approved
551-88K-4723	Conduct Navigation Techniques Using a Vessels Radar	551 - Transportation (Individual)	Approved
551-88K-4739	Define Basic Radar Principles and Definitions	551 - Transportation (Individual)	Approved
551-88K-4731	Operate Radar in Relative and True Motion Mode	551 - Transportation (Individual)	Approved
551-88K-4736	Determine Speed to be Made to Prevent Collision Utilizing Radar and Plotting	551 - Transportation (Individual)	Approved
551-88K-1514	Prepare Vessel for Anchoring Operations	551 - Transportation (Individual)	Approved
551-88K-4737	Maintain Radar Maintenance Log	551 - Transportation (Individual)	Approved
551-88K-4735	Determine Course to Steer to Prevent Collision, Utilizing Radar and Plotting Sheet	551 - Transportation (Individual)	Approved
551-88K-1707	Determine Nautical Direction Using the Vessel's Magnetic Compass	551 - Transportation (Individual)	Approved
551-88K-4738	Maintain Radar Performance Log	551 - Transportation (Individual)	Approved
551-88K-1703	Operate a Bridge to Bridge (VHF) Radio Onboard a Vessel	551 - Transportation (Individual)	Approved
551-88K-1512	Observe Vessel Navigational Rules for Inland/International Waters	551 - Transportation (Individual)	Approved
551-88K-4741	Analyze the Causes of Special Effects, Ghosts, and False Echoes	551 - Transportation (Individual)	Approved
551-88K-4740	Identify Basic Components of Radar Sets	551 - Transportation (Individual)	Approved
551-88K-4711	Conduct Operations Of A Vessel Satellite Navigation System	551 - Transportation (Individual)	Approved
551-88K-1513	Observe Aids To Navigation (ATON) Onboard a Vessel	551 - Transportation (Individual)	Approved

**Supported Individual Tasks :**

Task Number	Title	Proponent	Status
551-88K-4720	Conduct Vessel Operations Using a Piloting Team	551 - Transportation (Individual)	Approved

551-88K-4713	Monitor Operations of a Vessel's Magnetic Compass	551 - Transportation (Individual)	Approved
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**Supported Collective Tasks :**

Task Number	Title	Proponent	Status
55-2-0037	Conduct Vessel Defense While in Port.	55 - Transportation (Collective)	Approved
55-2-0039	Conduct Towing Operations.	55 - Transportation (Collective)	Approved
55-2-0011	Transport Personnel and Cargo	55 - Transportation (Collective)	Approved

**ICTL Data :**

ICTL Title	Personnel Type	MOS Data
MOS 88K Watercraft Operator SL 4	Enlisted	MOS: 88K, Skill Level: SL4, Duty Pos: TFJ
MOS 88K Watercraft Operator SL3	Enlisted	MOS: 88K, Skill Level: SL3, Duty Pos: TAV